Amendment to the Specification:

Please replace paragraph [00013] with the following amended paragraph:

"[00013]   According to one embodiment, JMA 200 may include monitoring service 212 and one or more JMX-based monitor servers (JMX monitors). Monitoring service 212 may help establish a connection between a JMX monitor and the various components of JMA 200. In one embodiment, the JMX monitors may reside and work on separate or remote Java virtual machines (JVMs) to collect data from cluster elements, and report information and statistics regarding the cluster nodes and their components to, for example, visual administrator 214 having a monitor viewer 216, and/or to CCMS 222 via CCMS agent 202, and to various other third party tools. CCMS 222, visual administrator 214, and other third party tools may reside generally on client side 220, while other components, as illustrated, may reside on server side 218. Reporting to CCMS 222 on the client side 218, for example, may further be via a CCMS connector 208 for the J2EE engine 206 and a shared memory 204 accessible on both the server side 218 and the client side 220."

Please replace paragraph [00023] with the following amended paragraph:

"[00023]   JMA 500 may be distributed across the three levels of the JMX architecture including a distributed services level, an agent level, and an instrumentation level. The instrumentation level may include, for example, monitor and runtime beans 516, 518. The agent level may include, for example, bean server 512. The distributed services level may include, for example, various applications [[540]] 504, 508, adaptors, and connectors."

Please replace paragraph [00033] with the following amended paragraph:

"[00033]   FIG. 6 illustrates an embodiment of tree node 530 of a monitor tree. According to one embodiment, a hierarchical monitor tree (e.g., monitor tree 514, shown in FIG. 5) may be created for a Java monitoring architecture (JMA) 600 to provide a grouping of monitoring agents (e.g., monitor bean 516) and resources 526 associated with the monitoring agents, to provide a more manageable monitoring architecture. Although the monitoring agents and their corresponding resources may be grouped in a monitor tree, they are individually represented as tree nodes, and provide individual reporting of each of the resources, releasing the module developer from programmatically reporting the monitoring data to a central location."

Please replace paragraph [00045] with the following amended paragraph:

"[00045]   Adapter service 708 may be part of the distributed services level of JMA 700. Adapter service 708 may include or provide the following: (1) remote connector [[710]] 730; (2) convenience interface 712; (3) swing-based Graphical

User Interface (GUI) 714; and (4) shell commands 716. By having remote connector [[710]] 730, adapter service 708 may allow users to have remote access to the bean server 512 and seek monitoring information relating to one or more resources 520."

Please replace paragraph [00074] with the following amended paragraph:

"[00074]   In an embodiment, the monitor viewer may provide a graphical representation of monitor data collected over time. The graphical representation of monitor data collected over time may be referred to as a history of monitor data. In one embodiment the history of monitor data may be displayed in a table, as at block 1060. The displayed table may have a time column and one or more columns of monitor data (and/or analysis of monitor data). The time column may include an indication of when an item of monitor data was collected."

Please replace paragraph [00080] with the following amended paragraph:

"[00080]   FIG. 12 illustrates an exemplary Graphical User Interface (GUI) 1200 in which selected monitor tree nodes have been expanded. In the illustrated embodiment, monitor tree node 1210 is expanded to display a number of monitor tree nodes representing monitored services. Examples of monitored services may include (and are not limited to) Enterprise Java Bean service node 1230, JMX adapter service node 1232, memory service node 1234, naming service node 1236, and/or Web container service node 1215."

Please replace paragraph [00091] with the following amended paragraph:

"[00091]   In an embodiment, the selected monitor tree node may be configured to provide an alarm if its associated resource malfunctions. In the illustrated embodiment, configuration dialog box 1410 provides pull-down menu 1426. The selected monitor tree node may be configured to provide an alarm by selecting an appropriate option in pull-down menu [[1424]] 1426 (e.g., a react on resource malfunction/failure option). In an alternative embodiment, configuration dialog box 1410 may provide an option circle, a field, and/or a different interface to indicate whether the alarm is to be provided."